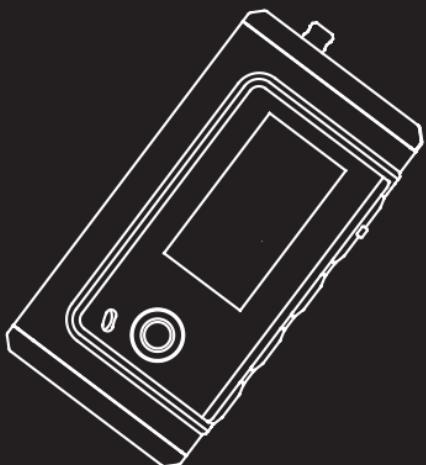


THOMSON

user
manual



**M300E256
M300E512
M300EG1**

It is important to read this instruction book prior to using your new product for the first time.

Safety Information

EN

IMPORTANT NOTE: To reduce the risk of fire or shock hazard, do not expose this player to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

ATTENTION

RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR



This symbol indicates important instructions accompanying the product.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO THE QUALIFIED SERVICE PERSONNEL.

Sound Pressure Control



Sound Pressure Control

Articles L44.5 and 44.6 of the Code on Public Health modified by Article 2 of the Law dated May 28th 1996 impose a maximum acoustic output of 100 decibels. The headphone provided and your player do abide by the legislation in force. Prolonged listening in full power may irreversibly damage the user's hearing.

The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

End User License Agreement

EN

IMPORTANT-READ CAREFULLY: This End User License Agreement ("Agreement") is a legal agreement between you and Thomson Inc. ("Thomson") for the Thomson Lyra device application/driver software program and associated documentation, if any ("Program").

ACKNOWLEDGMENT

BY INSTALLING THE SOFTWARE OR CLICKING ON THE ACCEPTANCE BUTTON OF THE SOFTWARE, COPYING OR OTHERWISE USING THE PROGRAM, YOU ACKNOWLEDGE AND AGREE THAT YOU HAVE READ THIS AGREEMENT, UNDERSTAND IT, AND AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO THE TERMS OF THIS LICENSE AGREEMENT, CLICK ON THE REJECTION BUTTON AND/OR DO NOT INSTALL THE SOFTWARE AND/OR DO NOT USE THE PROGRAM.

LICENSE

- a) You are granted the license (i) to use the Program on a single workstation and (ii) to make one (1) copy of the Program into any machine-readable form for backup of the Program, provided the copy contains all of the original Program's proprietary notices.
- b) You may transfer the Program and license, only as part of the Thomson Lyra device, to another party if the other party agrees to accept the terms and conditions of this Agreement. If you transfer the Program, you must at the same time either transfer all copies to the same party or destroy any copies not transferred.

End User License Agreement

EN

LICENSE RESTRICTIONS

- a) Except for the licenses expressly granted to you in this Agreement, no other licenses are implied.
- b) You may not (i) modify, translate, reverse engineer, decompile, disassemble (except to the extent that this restriction is expressly prohibited by law) or create derivative works based upon the Program or (ii) copy the Program, except as expressly permitted herein. You agree that you shall only use the Program in a manner that complies with all applicable laws in the jurisdictions in which you use the Program, including, but not limited to, applicable restrictions concerning copyright and other intellectual property rights.
- c) The Program may contain pre-release code that does not perform at the level of a final code release. In this case, the Program may not operate properly. Updated versions of the Program can be downloaded from www.thomson-lyra.com.
- d) Thomson is not obligated to provide support services for the Program.

- e) The Program is provided with "RESTRICTED RIGHTS". Use, duplication, or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of DFARS 252.227-7013, or FAR 52.227-19, or in FAR 52.227-14 Alt. III, as applicable.

TERM AND TERMINATION

- a) The license is effective on the date you accept this Agreement, and remains in effect until terminated by either party.
- b) You may terminate this license without any notice or delay, by destroying or permanently erasing the Program and all copies thereof.
- c) If you use, copy, modify, or transfer the Program, or any copy, in whole or part, except as expressly provided for in this license, your license is automatically terminated.
- d) When the license is terminated, you must destroy or permanently erase the Program and all copies thereof.

End User License Agreement

EN

WARRANTY DISCLAIMER

THE PROGRAM IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU (AND NOT THOMSON, ITS SUPPLIERS, ITS AFFILIATES OR ITS DEALERS) ASSUME THE ENTIRE COST FOR ALL NECESSARY REPAIR OR CORRECTION.

This exclusion of warranty may not be allowed under some applicable laws. As a result, the above exclusion may not apply to you, and you may have other rights depending on the law that applies to you.

OWNERSHIP RIGHTS

All title and intellectual property rights in and to the Program and any copies thereof are owned by Thomson or its suppliers. All title and intellectual property rights in and to the content which may be accessed through use of the Program is the property of the respective content owner and may be protected by applicable copyright or other intellectual property laws and treaties. This license grants you no rights to use such content.

End User License Agreement

EN

LIMITATION OF LIABILITY

a) TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL THOMSON, ITS AFFILIATES, OR ITS DEALERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION, CORRUPTION OF FILES, LOSS OF BUSINESS INFORMATION OR ANY OTHER PECUNIARY LOSS) REGARDLESS OF CAUSE OR FORM OF ACTION, INCLUDING CONTRACT, TORT OR NEGLIGENCE, ARISING OUT OF THE USE OF OR INABILITY TO USE THE PROGRAM, EVEN IF THOMSON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES AND JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY OF CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

b) YOU ASSUME RESPONSIBILITY FOR THE SELECTION OF THE APPROPRIATE PROGRAM TO ACHIEVE YOUR INTENDED RESULTS, AND FOR THE INSTALLATION, USE, AND RESULTS OBTAINED.

WINDOWS MEDIA

This version of the Lyra Personal Digital Player ("Lyra Player") contains software licensed from Microsoft that enables you to play Windows Media Audio (WMA) files ("WMA Software"). The WMA Software is licensed to you for use with the RCA/THOMSON Portable Audio Device digital music player under the following conditions. By installing and using this version of the Lyra Player, you are agreeing to these conditions. IF YOU DO NOT AGREE TO THE CONDITIONS OF THIS END USER LICENSE AGREEMENT, DO NOT INSTALL OR USE THIS VERSION OF THE Lyra Player.

End User License Agreement

EN

The WMA Software is protected by copyright and other intellectual property laws. This protection also extends to documentation for the WMA Software, whether in written or electronic form.

GRANT OF LICENSE. The WMA Software is only licensed to you as follows:

You may use this version of the Lyra Player containing the WMA Software only with the Portable Audio Device player.

You may not reverse engineer, decompile, or disassemble the WMA Software, except and only to the extent that such activity is expressly permitted by applicable law in spite of this limitation.

You may transfer your right to use this version of the Lyra Player only as part of a sale or transfer of your Portable Audio Device player, on the condition that the recipient agrees to the conditions in this End User License Agreement. If the version of the Lyra Player that you are transferring is an upgrade, you must also transfer all prior versions of the Lyra Player that you have which include the WMA Software.

MICROSOFT IS NOT PROVIDING ANY WARRANTY OF ANY KIND TO YOU FOR THE WMA SOFTWARE, AND MICROSOFT MAKES NO REPRESENTATION CONCERNING THE OPERABILITY OF THE WMA SOFTWARE.

The WMA Software is of U.S. origin. Any export of this version of the Lyra Player must comply with all applicable international and national laws, including the U.S. Export Administration Regulations, that apply to the WMA Software incorporated in the Lyra Player.

End User License Agreement

EN

THIRD PARTY SOFTWARE

ANY THIRD PARTY SOFTWARE THAT MAY BE PROVIDED WITH THE PROGRAM IS INCLUDED FOR USE AT YOUR OPTION. IF YOU CHOOSE TO USE SUCH THIRD PARTY SOFTWARE, THEN SUCH USE SHALL BE GOVERNED BY SUCH THIRD PARTY'S LICENSE AGREEMENT, AN ELECTRONIC COPY OF WHICH WILL BE INSTALLED IN THE APPROPRIATE FOLDER ON YOUR COMPUTER UPON INSTALLATION OF THE SOFTWARE. THOMSON IS NOT RESPONSIBLE FOR ANY THIRD PARTY'S SOFTWARE AND SHALL HAVE NO LIABILITY FOR YOUR USE OF THIRD PARTY SOFTWARE.

GOVERNING LAW

This Agreement is governed by the laws of France, without regard to its conflict of laws.

End User License Agreement

EN

GENERAL TERMS

This Agreement can only be modified by a written agreement signed by you and Thomson, and changes from the terms and conditions of this Agreement made in any other manner will be of no effect. If any portion of this Agreement shall be held invalid, illegal, or unenforceable, the validity, legality, and enforceability of the remainder of the Agreement shall not in any way be affected or impaired thereby.

This Agreement is the complete and exclusive statement of the agreement between you and Thomson, which supersedes all proposals or prior agreements, oral or written, and all other communications between you and Thomson, relating to the subject matter of this Agreement.

Table of Contents

EN

Safety Information	
End User License Agreement	
Table of Contents	1
Before You Begin	2
Accessories	2
System requirements	2
Precautions for the unit	3
Caution	3
Caution while driving	3
Headset safety	3
Important safety information	4
Please respect the environment	4
Connecting the Lyra player to your computer	5
General Controls	6
Display	7
Displaying Lyric	7
Playback	8
Switching on and off	8
General playback	8
Repeat A-B	8
Memory function	8
Player's Menu	9
Music	9
Voice Recording	9
Radio	10
Settings	11
Folders	11
Information	12
Language	12
Return	12
More Information	13
Troubleshooting	13
Technical specifications	14

Before You Begin

EN

Note:

- If you are not using the player for a long time, please take out the battery to avoid leaking.
- Do not use the player under very hot, cold, dusty or wet environment.
- Unlock the HOLD switch before use.
- Avoid impact to the user while being use.
- An AAA battery allows approximately 12 hours of playback. However, the battery life may be different according to manufacturers, manufacturing time and using conditions.

Please replace your battery when:

- The battery icon gets empty,
- No response from pressing the buttons, even if after battery is reinstalled.

To avoid static electricity when using, please note the following:

- If possible, please avoid using it in rather dry environment.
- Please check whether the battery is used up when the player stops under normal operations.

Accessories

The player is packed with the following accessories:

- Software installation CD
- USB cable
- Earphone
- Manual / Guarantee Card
- Neckstrap

System requirements:

- IBM compatible computer
- Processor: above Pentium 166 MHz
- Operation System: 2nd version of Win98, Win 2000, Win XP
- USB port
- Not less than 32MB memory (64 MB is preferred for Win2000 and WinXP)
- Not less than 20MB hard disk
- Not less than 4 x CD-ROM
- Network to Internet (recommended)

Before You Begin

EN



Warning:

Use of this product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Precautions for the Unit

- Do not use the unit immediately after transportation from a cold place to a warm place; condensation problem may result.
- Avoid shock to the unit.
- Do not store the unit near fire, places with high temperature or in direct sunlight.
- Do not operate or store unit in places with frequent static electricity or electrical noise (e.g. speaker, TV set).
- Clean the unit with a soft cloth or a damp chamois leather. Never use solvents.
- The unit must only be opened by qualified personnel.

Caution

- Keep product out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may

cause damage or malfunction.

- Do not expose to rain or moisture.

Caution while driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the unit if you find it disruptive or distracting while driving.

Headset safety



Have a Blast- Just Not in Your Eardrums
Make sure you turn down the volume on the unit before you put on

headphones. Increase the volume to the desired level only after headphone are in place.

- Do not play your headset at a high volume. Hearing experts warn against extended high-volume play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you are unable to hear what is around you.

Before You Begin

EN

Important Battery Information

- When storing the unit , be sure to remove the battery because they may leak and damage the unit.
- Battery may leak electrolyte if inserted incorrectly, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries may cause skin burns or other personal injury.
- Do not charge batteries which are not intended to be recharged.
- Dispose of batteries, according to federal, state and local regulations.



Your THOMSON product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please, dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please Respect the Environment!

Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.



Please, help us to conserve the environment we live in!

Before You Begin

EN

Connecting the Lyra Player to your computer

The player can transfer music files by the USB port.

1. Lift the cover that is covering the USB port on the player.
2. Insert the USB extension cable to the USB port on the player.
3. Connect the cable to the USB port on the computer tightly.
4. This screen will appear on the display of the player.



Note

Refer to the Software Instruction manual for procedures in setting up USB drivers and transferring files to the player.

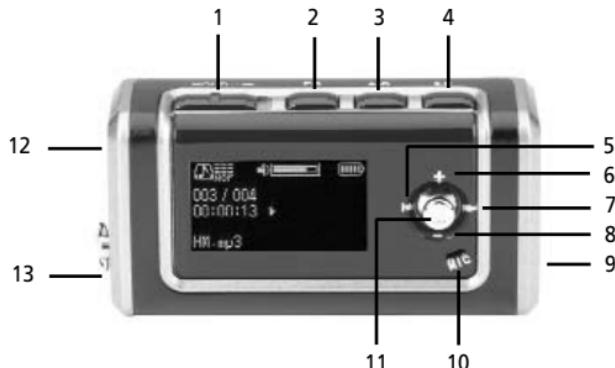


For Win 98 users, please install the included music management software before connecting. Otherwise, the computer may not recognize the player.

Refer to the Software Instruction manual for procedures in setting up USB drivers and transferring files to the player.

General Controls

EN

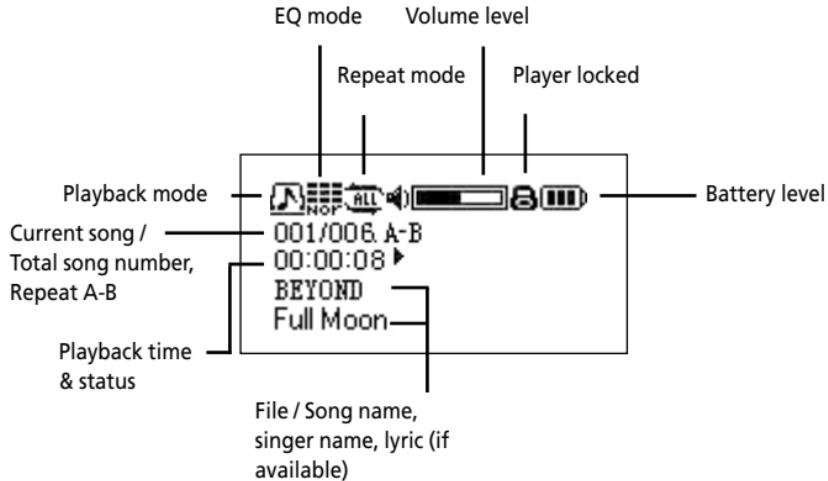


- 1. Hold** - to lock the player's keys.
- 2. EQ** – to select EQ mode.
- 3. A-B** – to select a section of a music / recorded file for A-B repeat / to start record.
- 4. Play/Pause** – to turn on / off the player, to start, pause or stop playback
- 5. REW** – to skip backward, to start fast backward playback.
- 6. +** - to increase volume.

- 7. FF** – to skip forward, to start fast forward playback
- 8. -** - to decrease volume.
- 9. USB** - to connect with computer via a USB cable. Open the cover when use.
- 10. MIC** - microphone for recording.
- 11. M** – to access player's menu.
- 12. OPEN** – battery compartment. Slide open the door to install battery.
- 13. Headphone jack**

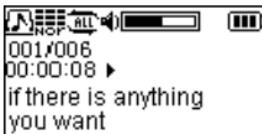
Display

EN



Displaying Lyric

Lyric files are of LRC format and they should have the same name with the corresponding music files. You can download them by "Mini Lyric" or make them by special tools. When playing music files with lyrics, they will be shown in 2 lines at the bottom of the display.

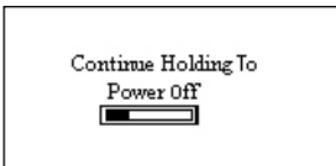


Playback

EN

Switching on and off

- To switch on the player, press the **Play/Pause** button and a start-up screen will appear on the display.
- To switch off the player, press the **Play/Pause** button for about 2 seconds until a switch off screen appears on the display. Press and hold until the progress bar reaches its end.



General Playback

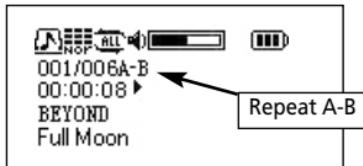
- After the player is switched on, press **Play/Pause** button to begin playback.
- Press **FF** or **REW** button to select next or previous music / recorded file.
- Press + or - button to increase or decrease volume.
- Press and hold **FF** or **REW** button during playback to play forward or backward music quickly.

Note: The battery level may vary during playback according to different level of power consumption.

Repeat A-B

To repeat a section between two points A and B in your currently playing music / recorded file.

- During playback, press **A-B** button at the beginning of your repeat section. "A-" shows on the display.
- Press **A-B** button at the end of your repeat section. "A-B" shows on the display.



- The section will repeat continuously until you press **A-B** button again.

Memory function

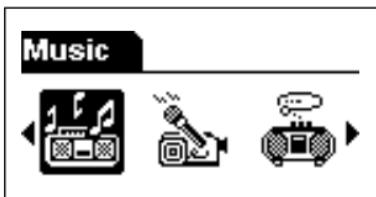
The player has memory function after switch off, it can recall the most recent settings (including playback file, language, EQ, Repeat, Power Save, radio channel and volume settings) for your next use.

Player's Menu

EN

Press **M** button to access the player's menu.

Press **FF** or **REW** button to select one of the menu items and then press **M** to enter into the item.



Music

Select this item in the player's menu for the playback of music files. Refer to the previous page for playback operations.

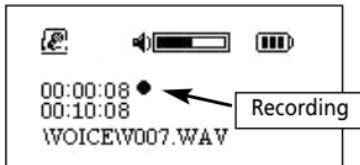
A short-cut for recording:

Press and hold **A-B** button until recording starts, press **Play/Pause** to stop recording.

Voice Recording

Select this item in the player's menu for recording. Recording starts immediately after you have selected this menu item. Press **Play/Pause** button to stop recording.

Refer to the "Folders" section for the playback of recordings.

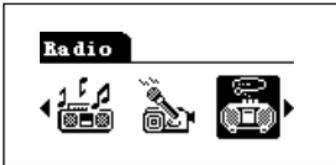


Player's Menu

EN

Radio

Select this item in the player's menu for listening to the radio.

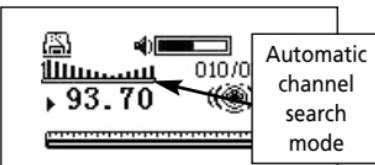


Adjusting frequencies

Radio automatic channel search:

After the first time you selected the radio mode, the player will automatically search for radio channels and store them all up for you. Press and hold **FF** button and the player will start automatic channel search all over again.

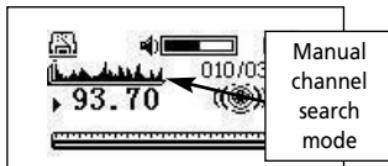
After automatic channel search is done, press **FF** or **REW** button to select and listen to a preset channel.



Radio manual channel search:

After the radio mode is selected, press **M** once to select manual channel search mode. Press **FF** or **REW** button to tune up or down frequencies at 50kHz intervals.

Press **A-B** button to save the frequency you have selected manually. You can save up to 30 radio channels.



Recording the radio

In radio mode, press and hold **A-B** button until recording starts. Press **Play/Pause** to stop recording. Refer to the "Folders" section for the playback of recordings. All radio recorded files will be saved in "FM" folder.

Switching off the radio

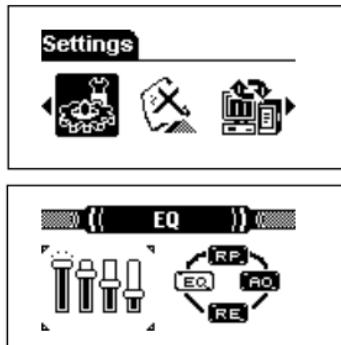
Press and hold **M** button to switch off the radio and return to the music playback mode.

Player's Menu

EN

Settings

Select this item in the player's menu for setting EQ mode, repeat mode and power save mode. In the Settings menu, press **FF** or **REW** button to select one of the settings and then press **M** button to enter into selected item.



EQ – EQ mode (for sound effects)

RP – Repeat mode (for repeat or shuffle playback)

AO – Power Save mode (for automatic power off when the player is idle)

RE – Return to the previous menu

In each of the above menu , press + or - button to select one of the options and then press **M** button to confirm the selection.

Options available within each menu:

EQ – Normal, Rock, Jazz, Classical, Pop, Bass and exit

Repeat Mode – Normal, Repeat Track (repeat the current music / recorded file continuously), Repeat All (repeat all music / recorded files continuously) , Shuffle (random playback), Shuffle Repeat (random playback continuously), Playlist (playback of selected music / recorded files, refer to the "Folders" section) and exit.

Power Save – Disable, 1, 2, 5, and 10 minutes. (Note: if "Disable" is selected, the player will not switch off even if it is left idle.)

Folders

Select this item in the player's menu for browsing the music / recorded files directory. Press + or - button to browse files within the same folder. Press **FF** button to enter into a folder and press **REW** to exit a folder. Voice recorded files will be saved in the "VOICE" folder and radio recorded files in the "FM" folder.



Player's Menu

EN

You can also select music / recorded files into the Playlist for playback.

1. Select a music / recorded file from the file directory and then press **M** button to show a sub-menu.
2. Press + or - button to select "Playlist" and then press **M** button.
(Note: Select "Play" will start playback of the selected file, "Delete" will erase the file from the player and "Exit" to exit this sub-menu.)
3. Select "Add" by pressing + or - button and then press **M** button to add the music / recorded file into the Playlist..



Playback of the Playlist

Select Repeat mode from the Settings menu and then select Playlist. Refer to the section "Settings" for details.

Information

Select this item in the player's menu for checking total and free memory of the player and the firmware version.

Note: if the total and free memories are not correctly shown in the player, please format the player again with the music management software provided. You

can also download the software from <http://www.thomson-lyra.com>

|| Information ||
Version V 1.0 e
Total Memory 119 MB
Free Memory 119 MB

Language

Select this item in the player's menu for setting player's display language. All the display and ID3 information will show in the selected language. Press + or - button to select a language and press **M** button to confirm selection.

|| Language ||
English
Français
Deutsch
Italian

Return

Select this item in the player's menu for exiting the player's menu.

More Information

EN

Note:

We strongly suggest users to install the music management software first before connecting the player to the computer.

Plug and Play function is only for Win2000 and WinXP. Win98 and Win 98SE users have to install the driver.

Troubleshooting

The play button does not function.

- There is no battery or the battery has been used up.
- Check if the battery is correctly installed.

The buttons do not function when the player is switched on.

- The buttons are locked. Check the **HOLD** button.

After connection with a PC, the mobile storage icon of the player could not be found.

- Driver may not be installed or the application has been corrupted. Install the application again.

The time display is not showing correctly when some music is played.

- Some mp3 files are compressed with the VBR format that will cause the time to show incorrectly with the change of bit rate. Playback should be of no problem. Compress the files with fixed rate format.

Unplugging the player from the computer causes malfunction.

- Do not unplug the player while transferring files to the player.

Some music cannot be played.

- The music format supported:
MPEG 1 Layer 3, MPEG 1 Layer 2,
MPEG 1 Layer 1, MPEG2 Layer 3, MPEG
2.5 Layer 3 and WMA.
MP3: 32Kbps ~ 320Kbps
WMA: 64 Kbps ~192Kbps
Delete the music files and compress
the music according to the standards.

The free memory shown and the actual memory available is not the same.

- The player needs space to store applications. The available memory may be smaller than actual.

All settings are lost.

- Settings are saved in .dat file. All settings are lost if you delete this file.

More Information

EN

Technical Specifications

Memory: 64/128/256/512M/1G (Built inside)

Battery: 1x AAA battery

LCD: 128x64 pixels, OLED

Signal / noise: >75dB

Earphone output: 5mW + 5mW

Music format: MP3, WMA

Record format: PCM WAV



Note:

This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume to normal operation, it may be necessary to switch the power off and on again or to remove or reinstall the battery.



HELPLINE THOMSON

Votre Contact THOMSON : 0 826 820 456
(pour la France 0,15 € / mn)

Ihr Kontakt zu THOMSON: 0180 1000 390, ab 16.10.2000.
(für Deutschland, Kosten zum Ortstarif)

You can contact THOMSON by dialling: 0871 712 1312
(For Great-Britain, all calls will be charged 0,10£ / mn)

Para contactar con THOMSON marque: 901 900 410, a partir del 16.10.2000
(las llamadas serán cargadas al precio de la tarifa local)

Il vostro contatto THOMSON: 8488 10 168, dal 16.10.2000
(tariffa chiamata urbana)

www.thomson-europe.com

THOMSON
46, quai Alphonse Le Gallo
92648 Boulogne
Cedex FRANCE
www.thomson.net

TOCOM (v2.0)